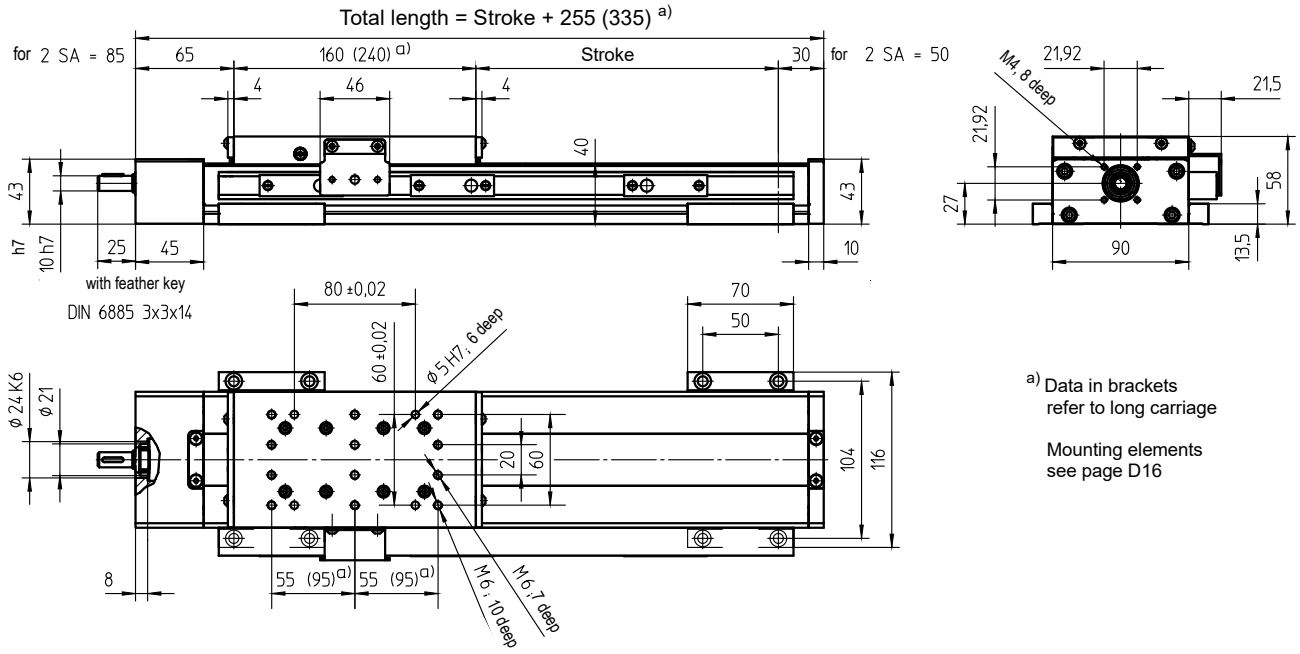
with ball screw (KGT) and roller guide (SRS)



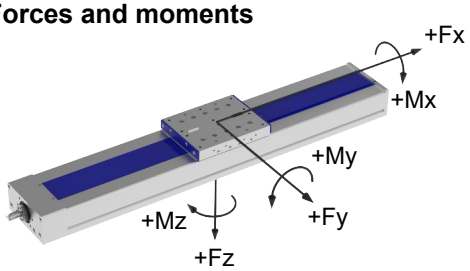
a) Data in brackets refer to long carriage

Mounting elements see page D16

Weights	SRS
Basic length without stroke:	3.25 kg
100 mm stroke:	0.47 kg
Entire carriage 160 mm:	1.30 kg
Entire carriage 240 mm:	1.85 kg
Max. total length:	1500 mm

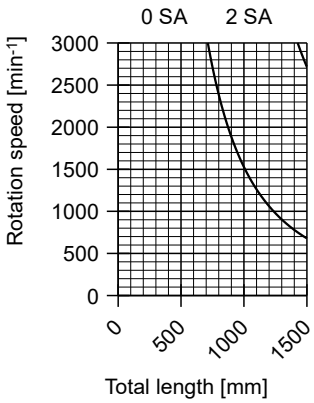
Technical Data	SRS
Max. total speed:	0.50 m/s
Max. acceleration:	20 m/s²
Repeat accuracy:	± 0.03 mm (KGT)
Idle torque:	0.30 Nm

Forces and moments



Forces	Dynamic [N]
F_x	1000
F_Y	500
F_z	1000
$-F_z$	1000
Moments	**Dynamic [Nm]**
M_x	60
M_Y	80 (110)
M_z	80 (110)

Data in brackets refer to long carriage (240)

Drive element	KGT
Max. rotation speed:	3000 min^{-1}
Diameter:	12 mm
Pitch:	5 / 10 mm
Moment of inertia:	$1.13 \cdot 10^{-5}$ kgm²/m

Spindle support (SA)